

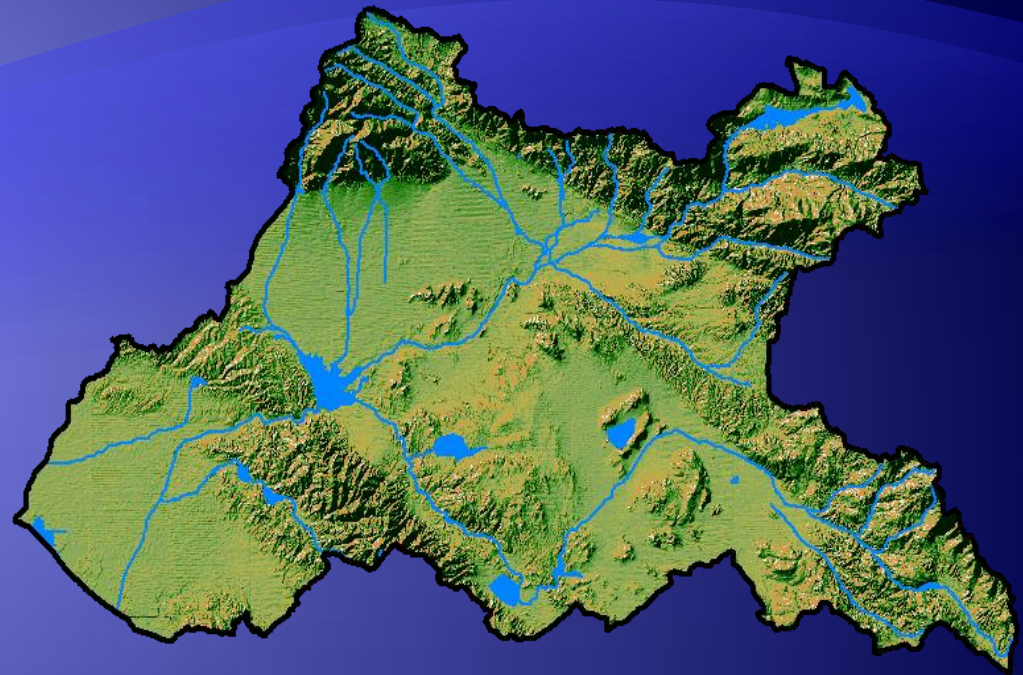


# Santa Ana River Watershed and Prop 50 IRWM Results

Mark R. Norton P.E. LEED AP  
Water Resources & Planning Mgr.  
Santa Ana Watershed Project  
Authority



# Setting



- ◆ **Santa Ana River Watershed**
  - Largest coastal stream system in Southern California
  - Covers over 2650 square miles in parts of four counties
  - Quickly urbanizing home to over 6.0 million people



# The Santa Ana River Watershed

Mojave Desert

San  
Gabriel  
Mtns..

San  
Bernardino  
Mtns.

Chino  
Basin

Los  
Angeles

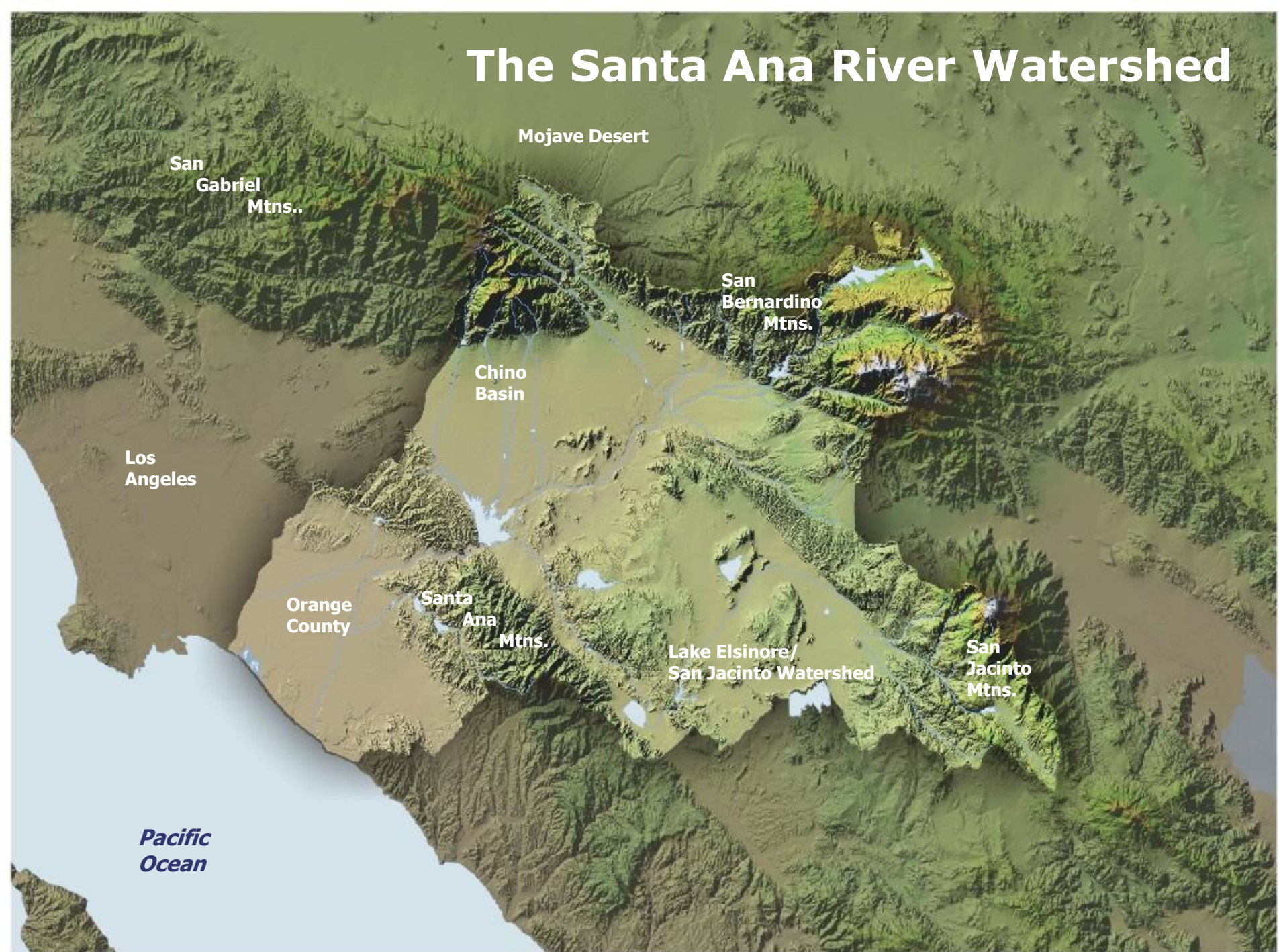
Orange  
County

Santa  
Ana  
Mtns.

Lake Elsinore/  
San Jacinto Watershed

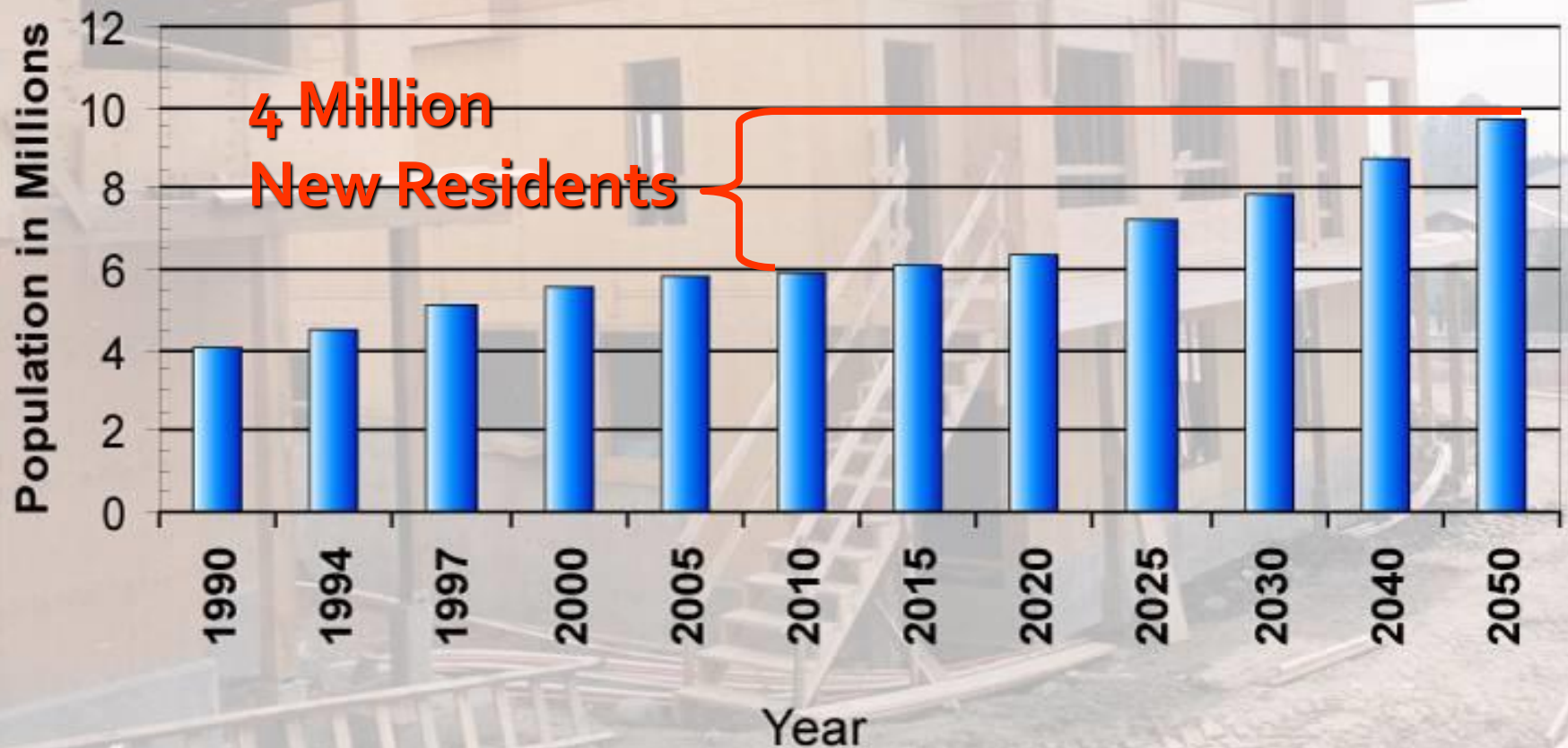
San  
Jacinto  
Mtns.

*Pacific  
Ocean*



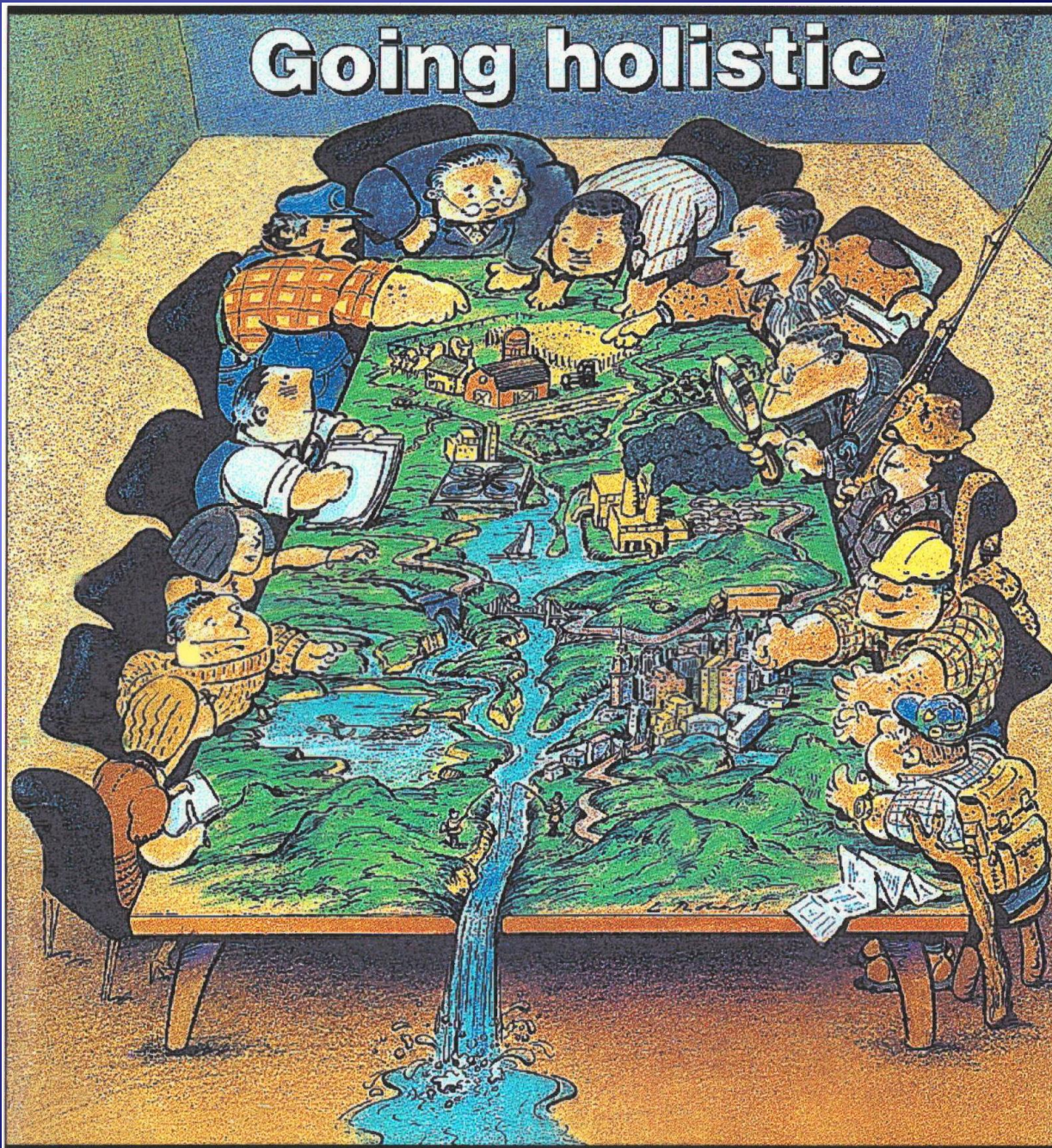


# Santa Ana Watershed Population Projections through 2050





# Going holistic







# Components of Integrated Project



# Prop 50 IRWM Accomplishments

## Description

Successfully integrated seven projects including local water supply reliability, invasive species removal and habitat restoration, and wastewater treatment and recycling to benefit the entire Santa Ana River Watershed.

## Costs

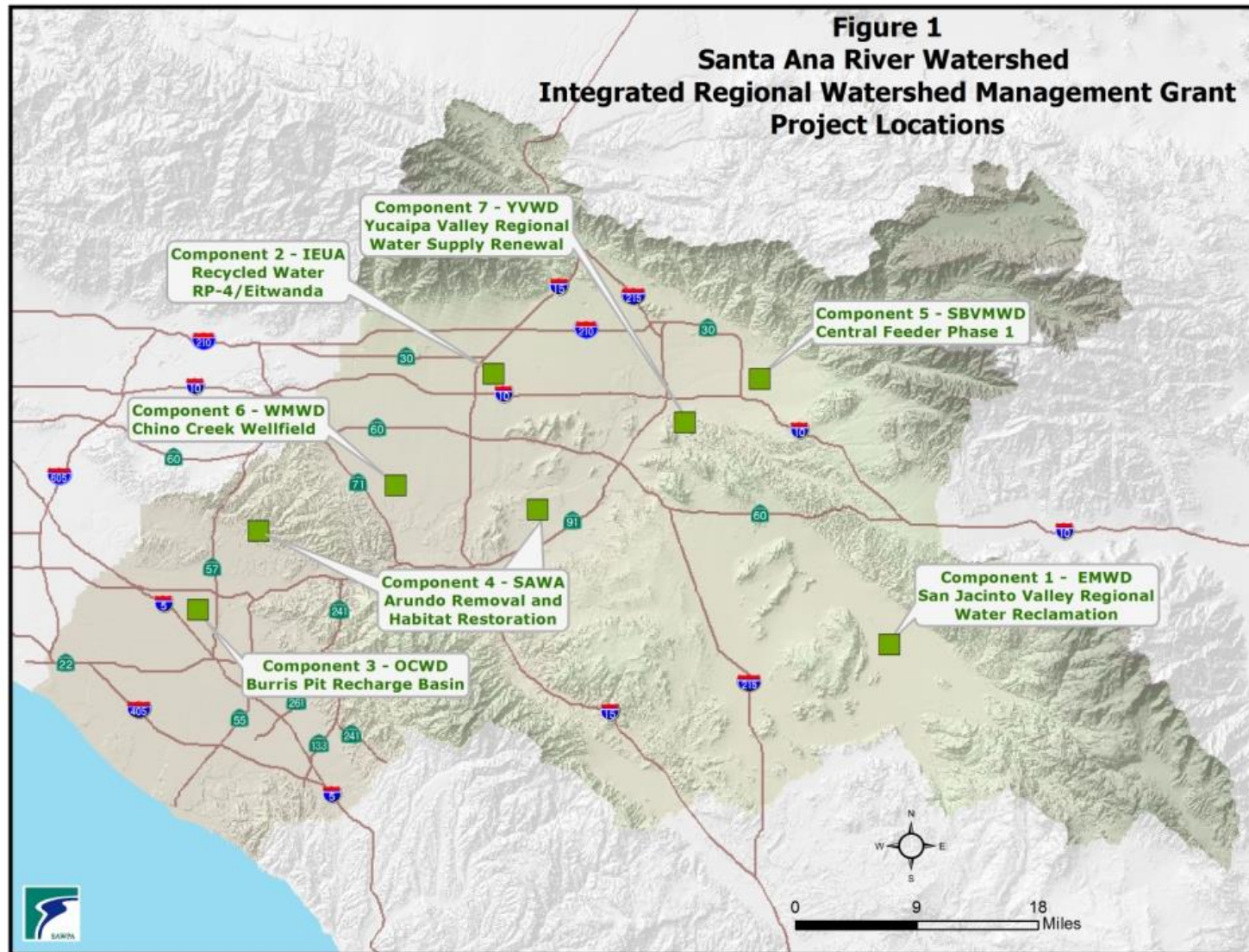
- ◆ Total Program Cost – \$138,601,646
- ◆ Prop 50 Grant – \$25,000,000

## Accomplishments

- ◆ Increased supply of recycled water
- ◆ Increased groundwater recharge
- ◆ Removed salt/improves water quality
- ◆ Improved local water supply reliability
- ◆ Removed high water use invasive plants
- ◆ Restored natural habitat



# SAWPA's Prop 50 IRWM Projects





**Figure 1**  
**Santa Ana River Watershed**  
**Integrated Regional Watershed Management Grant**  
**Project Locations**

Component 7 - YVWD  
Yucaipa Valley Regional  
Water Supply Renewal

Component 2 - IEUA  
Recycled Water  
RP-4/Eitwanda

Component 5 - SBVMWD  
Central Feeder Phase 1

Component 6 - WMWD  
Chino Creek Wellfield

Component 4 - SAWA  
Arundo Removal and  
Habitat Restoration

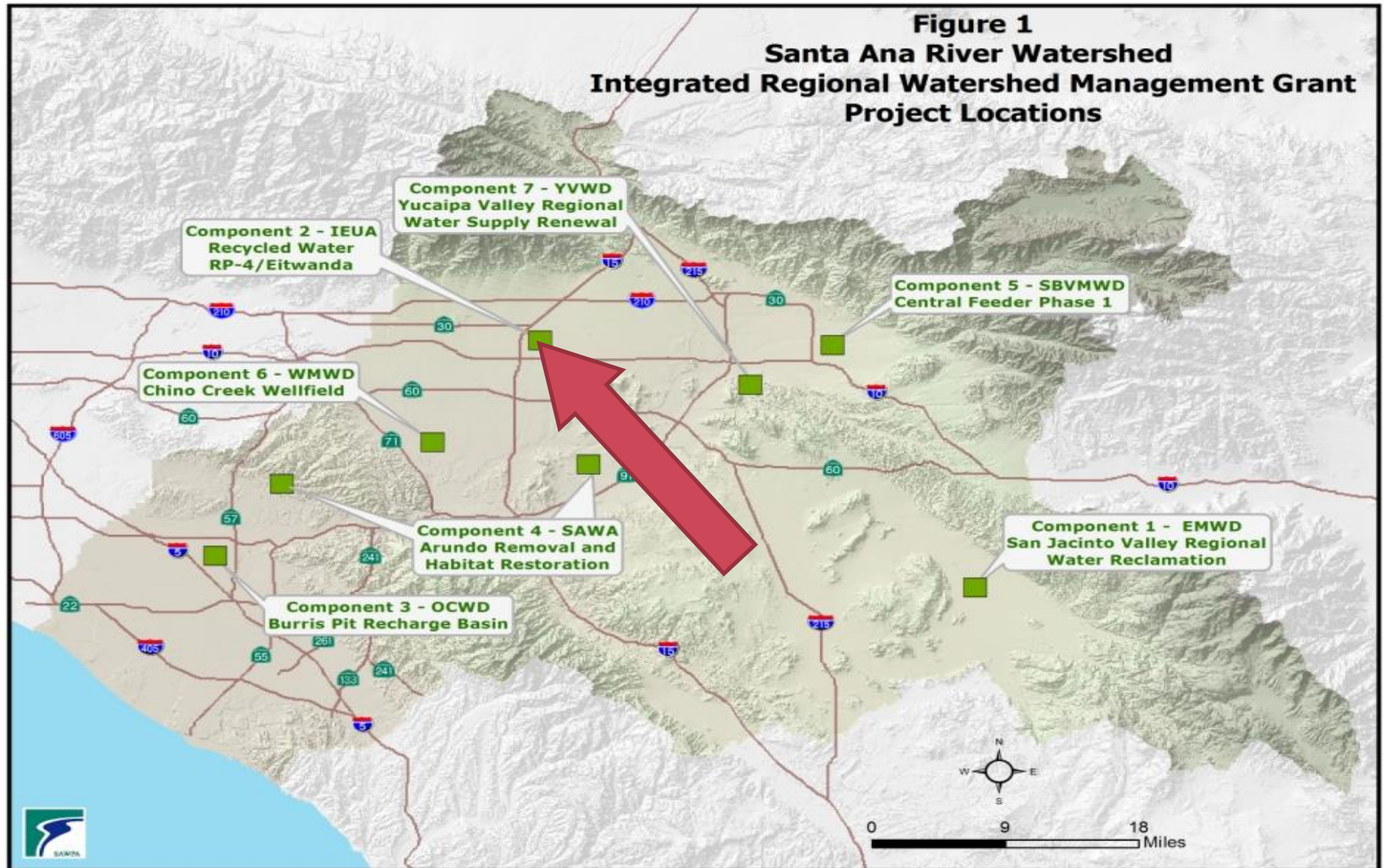
Component 3 - OCWD  
Burris Pit Recharge Basin

Component 1 - EMWD  
San Jacinto Valley Regional  
Water Reclamation

0 9 18  
Miles

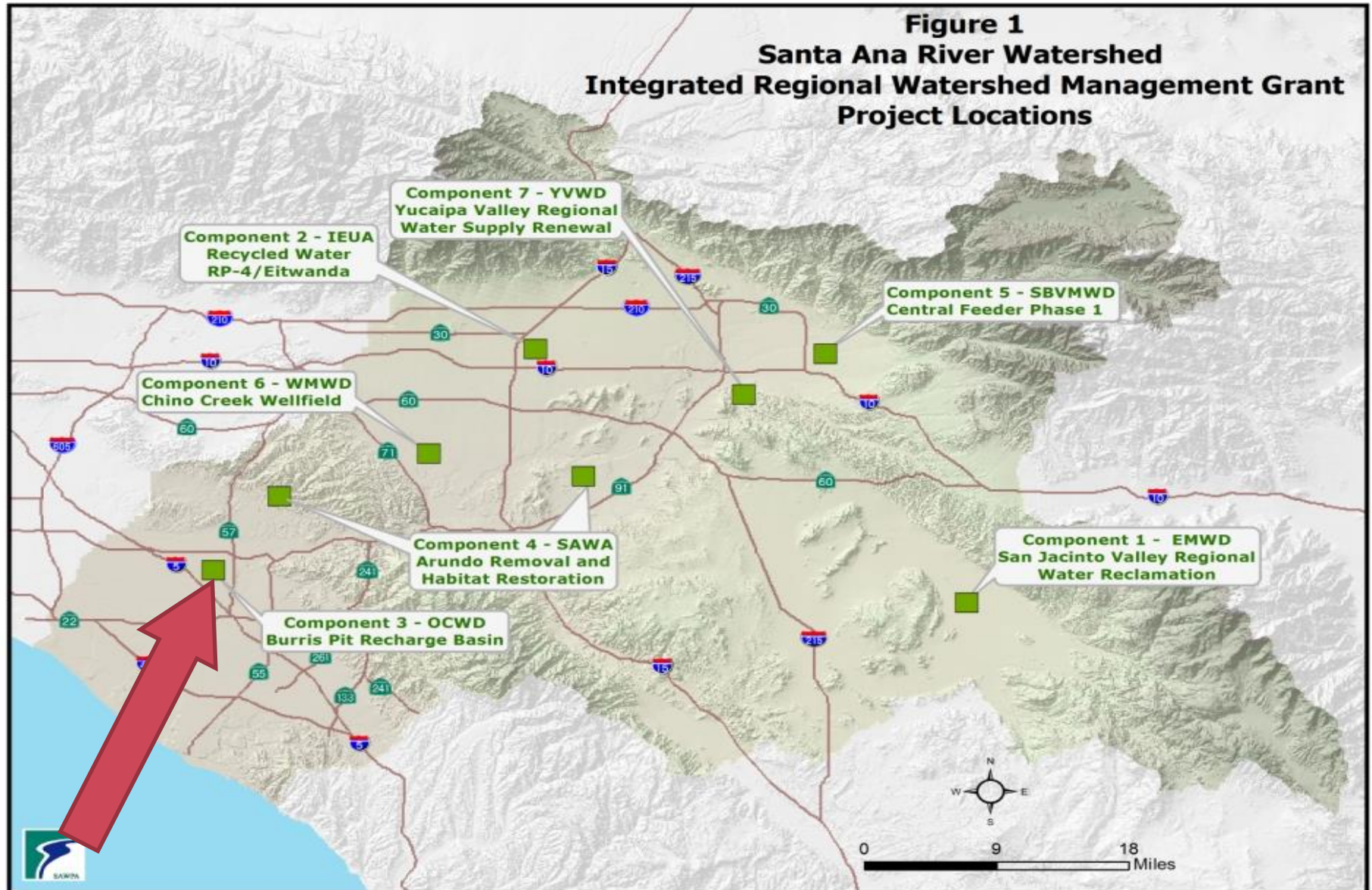


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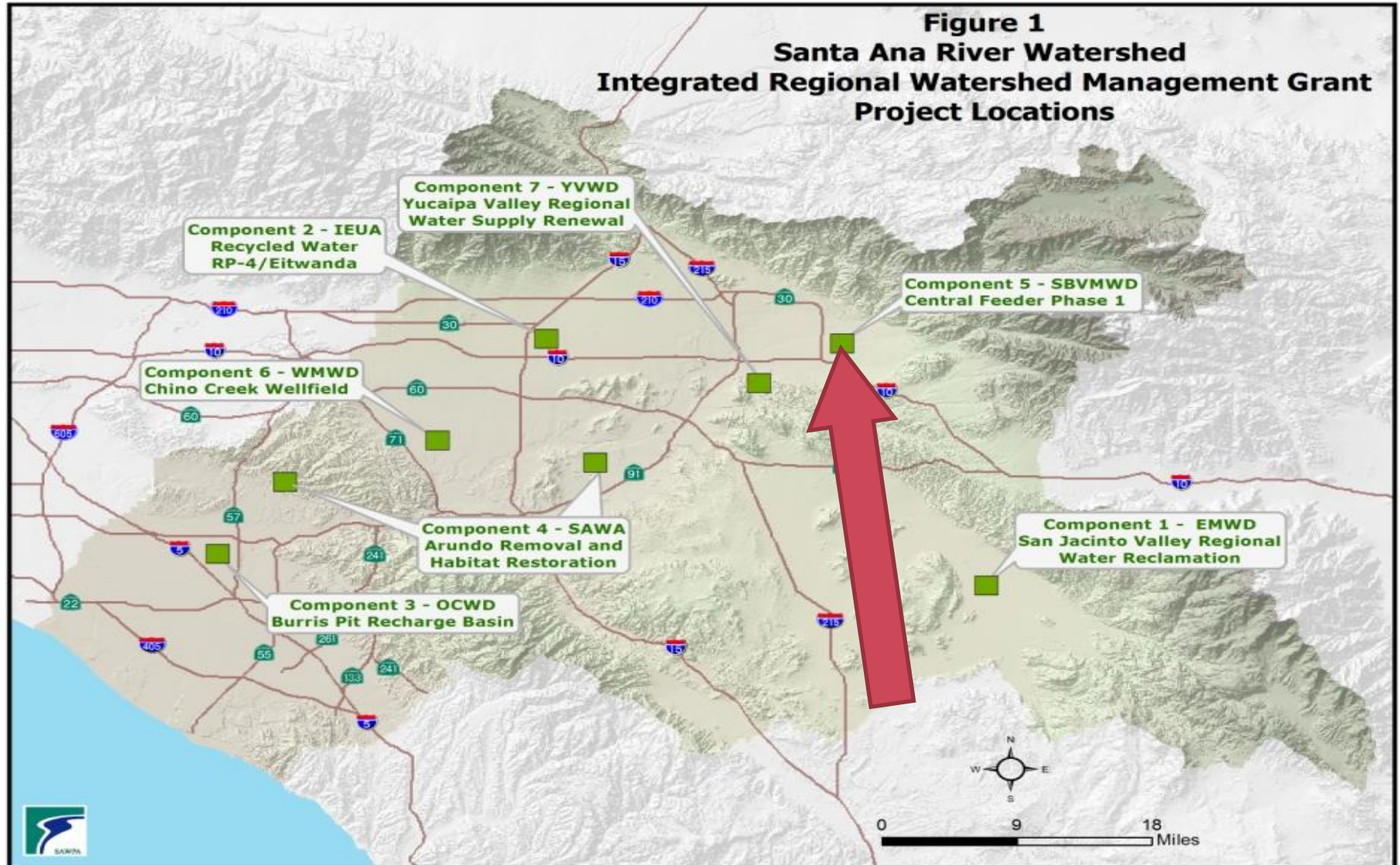
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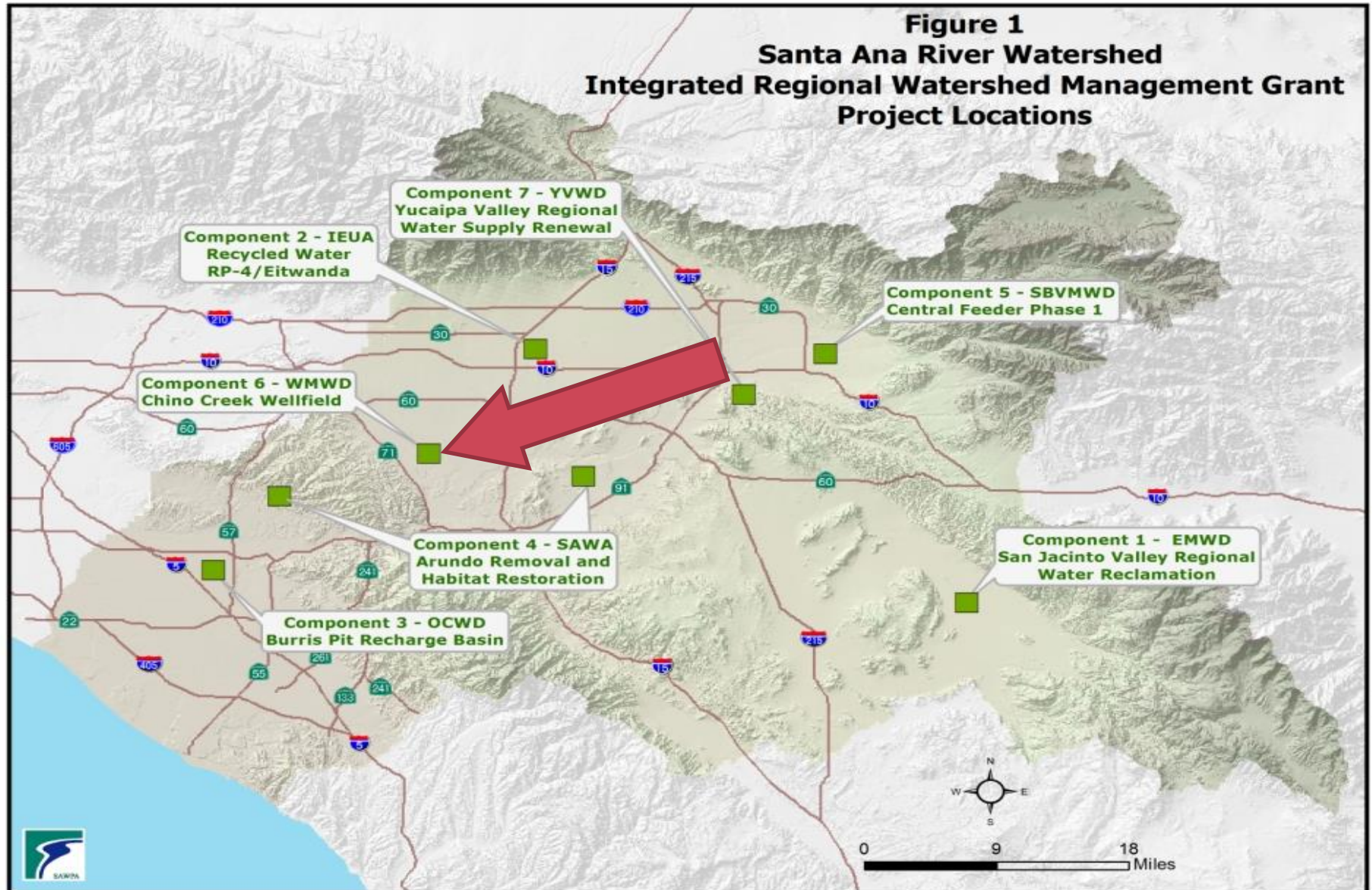


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0 9 18  
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# SAWPA Prop 50 IRWM Project Benefits to Watershed

- ◆ 41,200 AFY of new recycled water
- ◆ 7,500 AFY of new stormwater captured and recharged
- ◆ 930 acres of natural habitat restored





**FINAL**

# ONE WATER ONE WATERSHED 2.0 PLAN



## SANTA ANA RIVER WATERSHED



Moving into Implementation





# Questions?

